

Subject: Minutes: DSS-13 Weekly Meeting 06-25-09

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Minutes: DSS-13 Weekly Meeting on 06-25-09

DSS-13 Science/Engineering Activities:

GAVRT LCROSS TRACK: R. Dorcay passed on good news of the successful tracking of the LCROSS spacecraft on the first attempt on DOY 170-171. This is truly a group effort by DSS-13, SPC-10, GAVRT and JPL teams.

GSSR: We had a schedule for Lunar South Pole Track on DOY 171 1040-1935. Right after the startup sequence, there was a hardware failure caused the e-stop to be set. Attempts were made by DSS-13 staff, SOD and other GDSCC personnel to bring DSS-13 to operations. They finally decided to bypass the e-stop and were able to bring DSS-13 to functionality. However it was too late for the track. At this moment, it appears to be an intermittent hardware failure.

DSS-13/IF to ACME: The Y-factor testing has been delayed to next week because technical staff is on vacation. The temporary ECO has been extended for 12 months because more work needed to be done including: fiber optic amplifier procurement/installation/test, ACME software modification to include DSS-13 and antenna control algorithm.

DSS-13 Power and UPS protection: GDSCC personnel moved the 18 kW UPS from DSS-12 to DSS-13 control room as planned. However the battery unit is missing. We are looking for the missing battery.

Maser Refurbishing Work: Larry Schrader installed the spare super conducting magnet into the system and cooled it down. He observed some irregularity (perhaps short circuit) in the system and plans to warm it up late this week and do some diagnostic testing next week.

Pointing Models: There was a meeting between D. Rochblatt and W. Veruttipong this week on this pointing model work. It is possible that D. Rochblatt might be able to find some time next month to work on this task with support from DSS-13 staff. We will have another meeting next Monday.

Watt

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